

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
21 April 2005 (21.04.2005)

PCT

(10) International Publication Number
WO 2005/035328 A2

(51) International Patent Classification⁷: **B60T**
(21) International Application Number:
PCT/IB2004/003329
(22) International Filing Date: 12 October 2004 (12.10.2004)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
10/684,877 13 October 2003 (13.10.2003) US
60/513,085 21 October 2003 (21.10.2003) US
(63) Related by continuation (CON) or continuation-in-part
(CIP) to earlier application:
US 10/684,877 (CIP)
Filed on 13 October 2003 (13.10.2003)

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU,
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(71) Applicant: **BERI, Michael** [CA/CA]; 31 Codsell Avenue,
North York, Ontario M3H 3V7 (CA).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

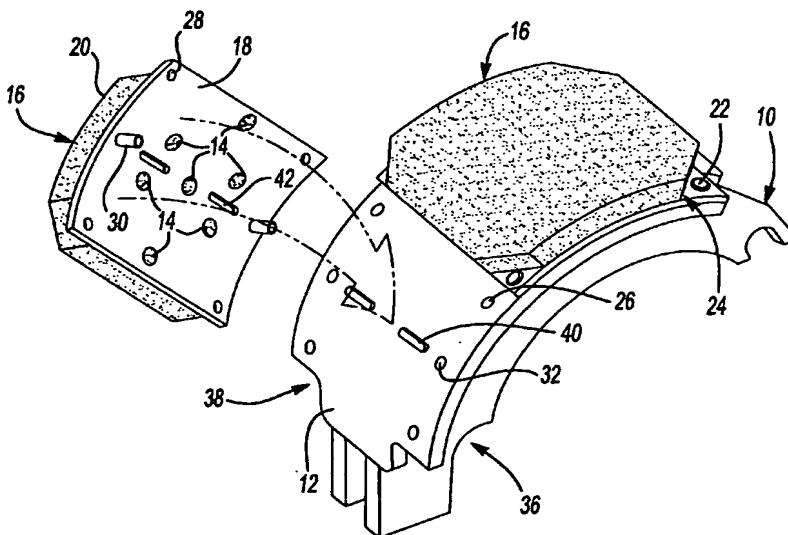
(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

Published:

— without international search report and to be republished
upon receipt of that report

[Continued on next page]

(54) Title: BRAKE SHOE AND BRAKE LINING BLOCKS WITH KEYED CONNECTION



(57) Abstract: A brake shoe assembly comprising a brake shoe to which brake plates are assembled. The brake shoe and brake plates are connected by a key or tang in one to a key way or slot in the other. Preamsembled fasteners are provided on the brake plates to facilitate alignment of the brake plates with the brake shoe so that the key is received in the slot. Fasteners may be provided in four open corner areas so that the brake plate may be secured to the brake shoe with metal-to-metal contact where the brake plate is secured to the brake shoe. A brake shoe having a cylindrical outer surface or an outer surface defined by a plurality of flats is provided.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.